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FLM 16-73
August 1973

WORLD TALLOW AND GREASE PRODUCTION AND TRADE IN 1972

Production

World production of tallow and greases declined marginally in 1972 and was slightly below the 1971 record of 10.1 billion pounds.

The United States was the only major producer to show a significant decline in 1972. Record output in Australia and New Zealand did not quite compensate for the reversal in U.S. trends.

The outlook for 1973 is for a decline of about 2 percent from 1972 levels. Production in the United States is forecast down about 6 percent but increases are expected in Australia and New Zealand due to increased cattle slaughter in those areas.

Trade

World trade in tallow and greases was below the record 1971 levels this past year. Since the United States accounts for over 60 percent of world tallow and grease exports, factors which influence U.S. shipments also account for most of the changes in world imports.

U.S. tallow exports fell 11 percent in 1972 from the previous year's high of 2.6 billion pounds. The decline was partly due to reduced availabilities for export because of lower production and higher domestic utilization and partly to reduced world demand.

The largest absolute decline occurred in U.S. exports to India. In 1971, India became our second largest export market for tallow taking 336 million pounds. By 1972, exports to that country dropped to 87 million pounds as a result of a cutback in U.S. Agency for International Development (AID) loans to India for commodity purchasing. In 1971, 80 percent of India's imports of U.S. tallow were financed by AID commodity loans.

Exports to Japan, our largest market, were the lowest since 1963 when 358 million pounds were exported to that country. Since 1969 the U.S. percentage share of the Japanese tallow market has been declining. Greater price competition and record output from Australia has been the cause.

Tallow exports to the Netherlands, historically second largest U.S. market, were off by 50 million pounds in 1972. Factors responsible were: Substitution of lower priced palm oil for tallow in soap manufacture, a pesticide feed contamination scare which released animal fats from use in the feed sector to other outlets, and larger 1971 stock carryovers.

After reaching record highs 2 years ago, U.S. tallow exports to South America declined somewhat in 1972 but were still well above normal levels. Argentina is the largest tallow producer in South America and usually supplies Brazil and Colombia with most of their tallow import requirements. In 1971 and 1972 shortages of domestic oils and fats caused greater Argentine utilization of tallow and availabilities for export were severely reduced. For this reason, traditional importers of Argentine tallow turned to the United States for supplies.

Spain, Korea, and Egypt were good markets for U.S. tallow last year. Shipments to Spain were wholly commercial, while exports to Korea were largely AID financed.

In 1973, world trade in tallow and greases is expected to continue to decline. U.S. production is expected to be down 6 percent from 1972. Domestic utilization is expected to continue at high levels this year leaving less available for export. Exports through June have been running about 2 percent above last year but export controls on tallow will reduce the flow this summer although there should be some pickup again this fall as cattle slaughter increases.

Production is expected to expand significantly in Australia leaving greater quantities available for ex-

port. A larger than usual part of Australia's exports has already gone to Japan and India this year.

Argentina's tallow exports are increasing. In May they reached 11.5 million pounds bringing the January–May total to 37 million pounds, versus 23 million pounds in the same period last year. A complete recovery in Argentina's tallow exports is not likely, however, until 1974 when domestic oil production is expected to return to normal levels.

TABLE 1-- TALLOW AND GREASES 1/ PRODUCTION IN SPECIFIED COUNTRIES - AVERAGE 1963-67, ANNUAL 1968-72
IN MILLIONS OF POUNDS

REGION AND COUNTRY	AVERAGE 1963-67	1968	1969	1970	1971	1972 2/
NORTH AMERICA:						
CANADA	254.6	313.1	331.7	396.4	440.1	461.0
MEXICO	72.8	78.7	79.1	83.8	87.7	92.6
UNITED STATES	5,023.4	5,283.0	5,190.0	5,463.0	5,752.0	5,628.0
OTHER	38.2	42.7	44.5	45.5	48.3	51.0
TOTAL	5,389.2	5,717.4	5,645.4	5,988.6	6,328.1	6,232.6
SOUTH AMERICA:						
ARGENTINA	271.4	305.6	339.2	308.8	286.3	301.8
BRAZIL	119.8	147.4	166.2	163.9	155.4	160.9
CHILE	18.6	21.9	21.3	21.9	19.5	13.1
COLOMBIA	34.4	40.7	44.9	47.3	52.5	48.6
PARAGUAY	6.4	6.3	4.2	3.9	4.6	4.7
PERU	12.6	12.1	11.7	11.9	11.9	12.2
URUGUAY	40.0	42.5	35.9	44.0	37.1	36.8
VENEZUELA	18.6	20.7	23.3	22.5	23.5	24.0
TOTAL	521.8	597.2	646.7	624.1	590.8	602.1
EUROPE:						
WESTERN:						
EC:						
BELGIUM-LUXEMBOURG	43.0	46.3	48.1	50.7	52.2	50.9
DENMARK	102.2	119.9	117.0	121.9	134.5	134.5
FRANCE	263.6	286.6	269.0	276.7	317.5	317.5
GERMANY, WEST	174.2	251.3	255.7	269.0	264.6	264.6
IRELAND	27.6	32.5	34.9	36.8	38.1	38.1
ITALY	114.6	144.2	146.6	144.2	146.2	140.7
NETHERLANDS	55.2	64.5	63.4	74.1	73.1	72.5
UNITED KINGDOM	307.6	318.8	302.4	324.8	324.8	304.6
TOTAL EC	1,088.2	1,264.0	1,237.1	1,298.2	1,350.9	1,323.4
AUSTRIA	14.2	15.2	15.2	13.9	14.6	14.1
FINLAND	4.8	4.7	5.7	5.5	5.7	6.0
NORWAY	3.2	2.7	3.0	2.8	2.8	2.8
PORTUGAL	10.2	7.9	19.2	16.8	18.7	20.3
SPAIN	38.0	42.8	44.1	50.9	52.7	51.6
SWEDEN	31.6	27.4	28.1	27.7	24.1	21.2
SWITZERLAND	16.6	18.4	20.4	22.3	22.3	20.5
TOTAL WESTERN	1,206.8	1,383.2	1,372.9	1,438.0	1,491.9	1,459.8

EASTERN:						
BULGARIA	17.2	21.6	20.1	19.3	---	---
CZECHOSLOVAKIA	26.6	33.3	31.8	31.7	33.1	33.5
GERMANY, EAST	26.6	32.1	33.0	34.3	33.5	---
HUNGARY	12.6	14.6	15.1	14.1	14.1	---
POLAND	52.0	62.8	66.9	66.0	64.2	---
YUGOSLAVIA	33.4	41.7	39.0	36.6	39.4	41.1
TOTAL EASTERN	168.4	206.1	206.0	202.0	3/203.2	3/208.3
TOTAL EUROPE	1,375.4	1,589.3	1,578.9	1,640.0	3/1,695.0	3/1,668.2
U.S.S.R.	532.2	672.9	672.4	657.8	668.6	678.8
AFRICA:						
SOUTH AFRICA, REP. OF	14.4	11.9	13.4	15.0	16.5	16.8
TOTAL	14.4	11.9	13.4	15.0	16.5	16.8
ASIA:						
CHINA, REP. OF (TAIWAN)	.8	1.1	1.1	1.1	1.0	---
IRAN	29.4	35.0	38.9	34.5	34.4	37.5
ISRAEL	2.2	2.4	2.4	2.6	2.5	2.3
JAPAN	18.4	14.5	18.9	22.5	23.6	25.0
PHILIPPINES	1.2	1.4	1.5	1.5	1.5	1.5
TURKEY	11.8	12.6	14.0	14.5	13.7	14.4
TOTAL	63.8	67.1	76.7	76.7	76.7	3/81.7
OCEANIA:						
AUSTRALIA 4/	525.0	502.0	521.6	522.1	534.4	605.6
NEW ZEALAND 4/	194.2	214.6	219.7	224.0	219.5	230.7
TOTAL	719.2	716.6	741.4	746.1	753.9	836.3
TOTAL SELECTED COUNTRIES	8,616.0	9,372.3	9,374.8	9,748.2	3/10,129.7	3/10,116.4

1/ INCLUDES EDIBLE AND INEDIBLE TALLOW AND GREASES.
2/ PRELIMINARY.
3/ INCLUDES AN ALLOWANCE FOR ANY MISSING DATA FOR COUNTRIES SHOWN.
4/ YEAR ENDING JUNE 30.

FOREIGN AGRICULTURAL SERVICE. PREPARED OR ESTIMATED ON THE BASIS OF OFFICIAL STATISTICS OF FOREIGN GOVERNMENTS, OTHER FOREIGN SOURCE MATERIALS, REPORTS OF U. S. AGRICULTURAL ATTACHES AND FOREIGN SERVICE OFFICERS, RESULTS OF OFFICE RESEARCH, AND RELATED INFORMATION.

Table 2--Tallow and greases: [1/] Production and exports, world and U.S. annual 1969-72

Year	World		United States			
	Production	Exports	Production	Exports	Exports as percent of World exports	Exports as percent of U.S. production
	Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent
Annual:						
1969 ...	9,374.8	3,147.1	5,190.0	1,873.6	59.5	36.1
1970 ...	9,748.2	3,491.5	5,463.0	2,189.0	62.7	40.1
1971 ...	10,129.7	3,628.7	5,752.0	2,569.2	70.8	44.7
1972 2/.	10,116.4	3,554.5	5,628.0	2,296.3	64.6	40.8

1/ Includes edible and inedible tallow and hog greases.
2/ Preliminary.

Table 3--Tallow and greases: U.S. exports, annual 1969-72

Commodity	1969	1970	1971	1972 1/
	Million pounds	Million pounds	Million pounds	Million pounds
Edible tallow	7.3	11.0	6.2	12.4
Inedible tallow	1,773.4	2,027.8	2,439.9	2,194.7
Choice white greases	92.9	150.3	123.1	89.1
Total 2/	1,873.6	2,189.0	2,569.2	2,296.3

1/ Preliminary.
2/ May not add due to rounding.

TABLE 4-- TALLOW AND GREASES : INTERNATIONAL TRADE IN SELECTED COUNTRIES, AVERAGE 1964-68, ANNUAL 1969-72

IN MILLIONS OF POUNDS

CONTINENT AND COUNTRY	AVERAGE 1964-68		1969		1970		1971		1972 1/	
	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS
NORTH AMERICA:										
CANADA	144.3	9.6	150.9	19.6	179.3	21.8	218.9	21.0	229.6	18.5
COSTA RICA	---	.9	---	.2	.8	.5	---	.9	---	.5
DOMINICAN REP	---	12.1	---	12.9	---	2/ 16.4	---	2/23.8	---	2/19.3
EL SALVADOR	---	17.8	---	22.6	---	23.0	---	28.9	.1	26.0
GUATEMALA	1.5	24.8	1.7	19.4	.1	28.2	.1	39.0	---	2/ 21.0
HAITI 2/	---	11.0	---	12.8	---	13.2	---	15.9	---	19.5
HONDURAS	.1	6.4	.5	9.7	.4	14.3	.1	3.7	.1	6.2
MEXICO 2/	---	3.4	---	39.7	---	68.8	---	35.3	---	4.8
NICARAGUA	---	5.2	---	13.0	---	11.3	---	12.6	---	12.0
TRINIDAD/TOBAGO	---	7.1	---	9.3	---	12.2	---	9.7	---	2/ 8.7
UNITED STATES 3/	2,120.3	2.9	1,873.6	5.8	2,189.0	7.4	2,569.2	4.9	2,296.3	1.6
TOTAL	2,266.2	101.2	2,026.3	165.1	2,369.7	217.3	2,788.3	195.9	2,526.1	138.2
SOUTH AMERICA:										
ARGENTINA	114.1	---	362.5	---	264.8	---	44.0	2/25.1	67.3	2/1.1
BRAZIL	---	24.3	---	21.7	.1	83.8	---	132.3	---	141.1
CHILE	---	15.9	---	27.6	---	33.8	---	---	---	---
COLOMBIA	---	65.6	---	69.8	---	56.9	---	70.4	---	84.0
ECUADOR	---	40.8	---	31.4	---	36.9	---	27.1	---	16.8
PERU	---	34.7	---	26.9	---	20.1	---	34.0	---	35.3
URUGUAY	5.5	---	14.7	---	20.2	---	9.6	---	---	---
VENEZUELA	---	21.9	---	14.2	---	15.1	---	21.4	---	4/30.9
OTHER	1.2	8.1	.1	11.4	.2	8.1	---	4.9	.8	2.9
TOTAL	120.8	211.5	377.3	203.1	285.3	254.7	53.6	5/339.4	5/79.1	5/324.1
EUROPE:										
WESTERN:										
EC:										
BELGIUM-LUXEMBOURG	10.8	97.9	25.7	150.9	29.9	162.0	20.3	147.4	32.1	163.7
DENMARK	16.9	2.7	16.2	3.9	17.8	7.7	16.3	7.3	11.0	4.3
FRANCE	34.1	72.0	34.5	94.4	21.1	126.5	34.2	121.2	54.0	135.7
GERMANY, WEST	85.1	139.4	102.9	152.9	88.8	170.1	90.7	166.4	71.9	162.1
IRELAND	15.4	5.2	31.0	10.4	42.6	18.1	51.6	20.5	41.6	23.7
ITALY	1.4	164.5	.2	179.0	.2	143.2	.2	87.3	1.4	138.0
NETHERLANDS	24.1	269.7	26.3	268.2	25.7	346.3	14.3	328.2	14.5	216.5
UNITED KINGDOM	22.4	165.1	28.0	138.7	12.6	162.5	22.4	117.0	35.2	126.8
TOTAL EC	210.1	916.4	264.8	998.3	238.8	1,136.4	250.0	995.1	261.8	970.7
AUSTRIA	1.9	.9	4.3	.6	3.4	1.1	4.3	1.0	3.7	.8
FINLAND	---	2.9	---	1.0	2.5	.8	.5	5.3	.3	1.9
GREECE	---	2.3	---	7.1	---	9.3	---	7.7	---	5.2
NORWAY	2.6	7.0	4.8	8.9	2.9	12.6	.1	16.0	.3	12.7
PORTUGAL	---	23.1	---	27.4	---	27.5	---	28.0	---	27.3
SPAIN	---	126.8	---	184.5	---	157.1	---	168.2	---	4/218.9
SWEDEN	12.0	.4	14.6	1.0	13.7	1.6	10.4	.3	12.1	.4
SWITZERLAND	.2	8.4	1.1	4.9	.6	5.4	.4	5.6	1.4	5.7
OTHER	.7	---	1.0	---	.6	---	.1	---	.2	---
TOTAL WESTERN	227.7	1,088.2	290.7	1,233.7	262.6	1,351.8	265.9	1,227.2	279.8	1,243.7
EASTERN:										
HUNGARY	2.4	9.3	2.8	13.3	2.2	1.6	---	5.7	---	---
POLAND	---	76.5	---	61.9	---	63.2	---	4/66.4	---	4/24.3
YUGOSLAVIA	.3	26.0	24.9	13.6	.9	15.5	2.0	2.8	---	4.2
TOTAL EASTERN	2.7	111.8	27.8	88.8	3.1	80.2	2.0	74.9	---	5/34.0
TOTAL EUROPE	230.3	1,200.1	318.5	1,322.6	265.6	1,432.1	268.0	1,302.1	279.8	5/1,277.7

U.S.S.R.	:	21.6	88.0	9.0	9.9	25.8	25.8	17.6	40.1	4/ 28.4	4/ 22.9
AFRICA:											
ALGERIA 6/	:	---	58.3	---	56.0	---	108.2	---	91.9	---	53.8
EGYPT	:	---	126.8	---	123.8	---	100.1	---	141.4	---	4/ 154.3
GHANA	:	---	33.9	---	59.5	---	27.5	---	36.4	---	39.7
KENYA	:	---	12.5	---	18.6	---	16.4	---	27.4	---	17.3
MALAGASY REP.	:	---	.1	---	2.6	---	5.3	---	10.1	---	---
MAURITIUS	:	---	2.7	---	3.2	---	3.9	---	6.4	---	---
MOROCCO	:	---	29.9	---	23.0	---	35.4	---	30.9	---	35.0
MOZAMBIQUE	:	---	2.5	---	4.2	---	6/ 11.4	---	6/ 8.4	---	6/ 8.2
RHODESIA,S.,MALAWI,ZAMBIA 6/	:	---	10.4	---	8.4	---	8.2	---	9.1	---	8.1
SENEGAL	:	---	7.7	---	13.3	---	8.7	---	14.0	---	---
SOUTH AFRICA,REP.OF	:	.5	77.8	1.5	73.6	3.1	77.6	4.1	72.0	.9	32.3
SUDAN	:	---	3.1	---	8.8	---	6.1	---	5.7	---	---
TANZANIA	:	---	4.5	---	12.0	---	8.3	---	5.5	---	19.6
UGANDA	:	---	5.0	---	5.3	---	3.4	---	5.7	---	3.4
OTHER	:	---	5.8	---	9.5	---	3.8	---	4.5	---	10.3
TOTAL	:	.5	380.9	1.5	421.5	3.1	424.3	4.1	469.3	.9	5/ 419.8
ASIA:											
BURMA 6/	:	---	17.1	---	26.5	---	16.6	---	28.0	---	26.9
CHINA,MAINLAND 6/	:	---	38.2	---	13.7	---	2.3	---	11.7	---	71.7
CHINA,REP.OF (TAIWAN)	:	---	45.8	---	41.9	---	2/ 47.4	---	2/ 24.9	---	2/ 42.0
INDIA 7/	:	---	118.7	---	218.9	---	195.9	---	235.1	---	2/ 86.9
IRAN	:	---	35.6	---	33.0	---	23.9	---	26.3	---	35.3
JAPAN 3/	:	1.7	569.6	1.6	710.9	.3	625.5	1.5	638.5	1.3	641.0
KOREA,REP.OF	:	---	51.8	---	83.3	---	99.9	---	147.6	---	2/ 174.3
LEBANON	:	---	6.0	---	2.6	---	3.2	---	15.9	---	22.0
MALAYSIA,WEST	:	---	19.1	---	16.3	---	17.3	---	15.5	---	---
PAKISTAN 2/	:	---	63.7	---	46.4	---	107.1	---	91.0	---	83.0
PHILIPPINES	:	---	21.4	---	19.2	---	22.9	---	23.8	---	25.3
SINGAPORE	:	3.6	7.2	3.6	8.4	2.4	9.1	4.6	17.6	---	---
SRI LANKA (CEYLON) 6/	:	---	11.3	---	11.1	---	7.3	---	4.5	---	2.6
THAILAND	:	---	6.7	---	11.2	---	7.7	---	8.1	---	---
TURKEY	:	m ---	31.5	---	32.6	---	18.4	---	57.4	---	59.4
TOTAL	:	5.2	1,043.6	5.2	1,276.0	2.6	1,204.2	6.0	1,345.9	5/ 5.7	5/ 1,311.5
OCEANIA:											
AUSTRALIA 8/	:	204.2	3.1	250.6	2.9	377.2	1.7	345.9	1.1	477.7	.2
FIJI ISLANDS	:	---	2.8	---	3.9	---	6.6	---	3.7	---	---
NEW ZEALAND 8/	:	145.0	---	158.2	---	162.2	---	145.1	---	156.8	---
OTHER	:	---	1.7	---	2.6	---	3.0	---	3.4	---	3.7
TOTAL	:	349.2	7.6	408.7	9.4	539.3	11.2	491.0	8.2	634.5	5/ 7.7
TOTAL SELECTED COUNTRIES	:	2,994.5	3,032.9	3,147.1	3,407.7	3,491.5	3,569.5	3,628.7	5/ 3,700.8	5/ 3,554.5	5/ 3,501.9

1/ PRELIMINARY.
2/ UNITED STATES EXPORTS.
3/ INCLUDES EDIBLE AND INEDIBLE TALLOW AND HOG GREASE.
4/ SOURCE: OIL WORLD.
5/ INCLUDES AN ALLOWANCE FOR ANY MISSING DATA FOR COUNTRIES SHOWN.
6/ FROM PRINCIPAL EXPORTING COUNTRIES.
7/ YEAR BEGINNING APRIL 1.
8/ YEAR ENDING JUNE 30.

NOTE: A DASH DENOTES NO TRADE OR TRADE LESS THAN 50,000 POUNDS.

FOREIGN AGRICULTURAL SERVICE. PREPARED OR ESTIMATED ON THE BASIS OF OFFICIAL STATISTICS OF FOREIGN GOVERNMENTS, OTHER FOREIGN SOURCE MATERIAL, REPORTS OF THE UNITED STATES AGRICULTURAL ATTACHES AND FOREIGN SERVICE OFFICERS, RESULTS OF OFFICE RESEARCH AND RELATED INFORMATION.

Table 5--Tallow and greases: 1/ U.S. exports by country of destination annual 1969-72

Continent and country	1969	1970	1971	2/ 1972
	Million pounds	Million pounds	Million pounds	Million pounds
North America:				
Canada	13.7	12.4	11.0	8.6
Dominican Republic	16.2	16.4	23.8	19.3
El Salvador	24.1	25.6	26.3	23.7
Guatemala	11.3	28.8	36.0	21.0
Haiti	12.8	13.2	15.9	19.5
Honduras	8.1	14.0	8.9	9.2
Jamaica	8.2	9.9	11.6	12.8
Mexico	39.7	68.8	35.3	4.8
Nicaragua	8.2	12.8	13.3	16.3
Other countries	6.3	10.2	10.9	11.4
Total	148.6	212.1	193.0	146.6
South America:				
Argentina	---	3/	25.1	1.1
Brazil	3/	5.1	70.3	45.8
Colombia	55.3	32.4	80.1	69.0
Ecuador	23.0	29.2	25.2	17.0
Peru	21.4	20.5	32.8	48.5
Venezuela	12.8	12.6	21.8	27.3
Other countries	.5	1.2	10.4	8.6
Total	113.0	101.0	265.7	217.3
Europe:				
EC:				
Belgium and Luxembourg	11.6	41.0	77.3	98.0
France	5.3	16.9	21.7	8.3
Germany, West	45.1	46.3	41.5	39.2
Ireland	1.3	7.5	4.7	2.9
Italy	49.8	84.0	60.8	96.4
Netherlands	88.1	197.6	193.3	143.6
United Kingdom	50.1	62.3	58.2	45.2
Total EC	251.3	455.6	457.5	433.6
Greece	3.7	6.8	6.9	8.0
Poland	11.5	54.1	49.1	20.0
Portugal	17.3	18.4	29.2	25.1
Spain	144.4	112.7	139.4	179.9
Switzerland	11.1	12.4	19.8	12.5
Other countries	3.4	5.4	7.2	8.7
Total	442.7	665.4	709.1	687.8

(Continued)

Table 5--Tallow and greases: 1/ U.S. exports by country of destination annual 1969-72 (continued)

Continent and country	1969	1970	1971	1972 2/
	Million pounds	Million pounds	Million pounds	Million pounds
Africa:				
Algeria	26.2	22.4	45.3	53.8
Morocco	23.5	34.7	32.0	32.1
UAR (Egypt)	105.6	135.0	123.2	142.2
Ghana	47.3	23.1	36.5	39.7
Guinea	7.7	---	---	---
Malagasy, Republic of	2.6	4.0	4.3	7.2
Nigeria	2.6	5.2	2.7	10.6
Senegal	6.9	9.6	13.9	14.9
South Africa, Republic of	23.5	14.3	15.9	25.7
Other countries	2.8	3.9	8.7	13.8
Total	248.7	252.2	282.5	340.0
Asia:				
Iran	28.4	33.2	33.5	45.0
Turkey	51.2	10.0	48.3	48.2
China, Taiwan	43.7	47.4	24.9	42.0
India	193.9	189.5	336.3	86.9
Japan	453.2	442.7	396.8	357.1
Korea, Republic of	86.3	106.8	159.6	174.3
Philippines	13.2	13.2	9.7	8.1
Bangladesh	---	---	---	35.3
Pakistan	46.4	107.1	91.0	83.0
Other countries	4.4	8.5	18.4	24.7
Total	920.7	958.4	1,118.5	904.6
Oceania	---	3/	.5	3/
Total world	1,873.6	2,189.0	2,569.2	2,296.3

1/ Includes edible and inedible tallow and white hog greases.
2/ Preliminary.
3/ Less than 500,000 pounds.

Table 6--Tallow and greases: Exports from specified countries by country of destination, annual 1969-72

Exporting country and country of destination	1969	1970	1971	1972 1/
	Million pounds	Million pounds	Million pounds	Million pounds
Australia: 2/				
Japan	45.0	96.3	92.6	160.7
China, Mainland	.8	---	4.9	77.2
South Africa, Republic of	38.3	51.6	71.3	58.9
China, Taiwan	---	---	4.9	34.3
Burma	19.3	16.6	27.7	27.3
Singapore	4.4	5.2	7.0	15.9
Kenya, Uganda, Tanzania	12.9	12.9	11.7	11.2
Netherlands	42.3	53.1	30.0	10.8
Malaysia	7.6	11.6	9.9	10.7
Philippines	7.6	8.9	12.0	9.0
Mozambique	8.3	5.4	2.3	8.1
Germany, West	.7	6.0	6.5	8.1
Malawi, Zambia, Southern Rhodesia	6.6	8.8	5.2	8.1
France	2.4	10.6	16.5	7.8
Thailand	6.4	5.6	4.8	5.8
Pakistan	8.1	40.5	8.0	3.8
New Guinea and Papua	2.3	2.3	2.3	3.1
Ceylon	6.9	4.7	3.5	2.6
United Kingdom	5.0	13.2	11.3	1.6
India	12.0	.2	3/	1.4
Fiji Islands	.8	3.0	1.3	1.2
Hong Kong	.9	.5	.5	.8
Other countries	12.0	20.2	11.7	9.3
Total	250.6	377.2	345.9	477.7
Argentina: 4/				
Netherlands	122.3	85.3	---	---
Brazil	22.6	62.9	---	---
Italy	39.9	29.4	---	---
Colombia	6.9	20.8	---	---
Chile	14.3	16.0	---	---
France	15.9	7.9	---	---
Ecuador	7.2	6.6	---	---
Portugal	8.8	6.5	---	---
Spain	29.3	5.8	---	---
Bolivia	6.9	5.0	---	---
Germany, West	---	5.0	---	---
Poland	49.6	4.3	---	---
Peru	.6	2.8	---	---
Belgium and Luxembourg	6.3	.9	---	---
Japan	14.9	---	---	---
Senegal	4.0	---	---	---
Algeria	9.1	---	---	---
Other countries	3.9	5.6	---	---
Total	362.5	264.8	5/44.0	5/67.3

(Continued)

Table 6--Tallow and greases: Exports from specified countries by country of destination, annual 1969-72 (continued)

Exporting country and country of destination	1969	1970	1971	1972 1/
	Million pounds	Million Pounds	Million pounds	Million pounds
New Zealand: 2/				
Japan	24.3	28.4	38.8	---
United Kingdom	18.9	34.2	23.8	---
France	4.1	13.3	18.2	---
Netherlands	19.8	19.1	11.5	---
China, Mainland	11.7	2.1	6.1	---
Mozambique	8.3	6.0	6.1	---
Malaysia	8.6	4.3	5.5	---
Philippines	5.7	1.9	4.9	---
Mauritius	3.8	3.5	4.0	---
Singapore	4.2	3.3	3.7	---
Kenya, Uganda, Tanzania	6.8	15.4	3.0	---
South Africa	10.6	5.6	2.5	---
Italy	---	1.0	2.3	---
Thailand	1.8	2.7	2.0	---
Malawi, Zambia, Southern Rhodesia	1.1	1.9	1.8	---
Australia	2.4	2.4	1.1	---
Ceylon	4.2	2.6	1.0	---
Trinidad, Tobago	3.3	2.9	.6	---
Burma	7.3	---	.3	---
Germany, West	1.9	.2	.3	---
India	2.8	1.2	---	---
Other countries	6.6	10.2	7.6	---
Total	158.2	162.2	145.1	5/156.8

(Continued)

Table 6--Tallow and greases: Exports from specified countries by country of destination, annual 1969-72 (continued)

Exporting country and country of destination	1969	1970	1971	1972 1/
	Million pounds	Million pounds	Million pounds	Million pounds
Canada:				
Netherlands	26.5	21.4	42.8	52.7
Japan	51.8	62.7	56.8	50.1
China, Mainland	---	3.8	21.3	47.2
United Kingdom	41.6	53.1	44.8	35.1
United States	10.9	14.4	23.6	23.3
Spain	9.5	6.1	10.8	7.4
Belgium and Luxembourg	---	1.6	1.3	5.4
Cuba	---	6.6	3.1	2.2
Germany, West	---	---	2.1	2.0
West Indies Federation	3.3	2.8	2.9	1.8
China, Taiwan	---	---	---	1.5
Other countries	7.3	6.8	9.4	.9
Total	150.9	179.3	218.9	229.6
Germany, West:				
Netherlands	41.3	37.6	38.4	28.9
France	29.2	22.2	22.4	17.2
Belgium and Luxembourg	8.8	4.1	6.8	6.9
United Kingdom	10.4	11.9	8.6	6.7
Switzerland	4.8	5.2	5.0	5.4
Denmark	1.5	3.0	4.7	2.4
Other countries	6.9	4.8	4.8	4.4
Total	102.9	88.8	90.7	71.9

1/ Preliminary.
2/ Year ending June 30.
3/ Less than 50,000 pounds.
4/ Edible and inedible tallow and hog grease.
5/ Country of destination not available.

Table 7--Tallow and greases: Imports into specified countries by country of origin, annual 1969-72

Importing country and country of origin	1969	1970	1971	1972 1/
	Million pounds	Million pounds	Million pounds	Million pounds
Japan: 2/				
United States	509.9	464.4	408.0	403.4
Australia	87.1	79.7	129.5	150.6
Canada	27.9	44.8	61.6	50.0
New Zealand	33.8	26.4	31.0	19.2
Hong Kong	4.3	6.4	7.5	16.1
Netherlands	13.5	2.3	---	1.1
Belgium and Luxembourg	19.0	.6	---	---
Argentina	13.6	---	---	---
Other countries	1.8	.9	.9	.6
Total	710.9	625.5	638.5	641.0
Netherlands: 2/				
United States	89.4	198.6	212.1	94.4
Germany, West	42.1	41.8	44.1	43.7
Canada	22.2	21.2	25.4	23.6
Hungary	---	---	3.3	20.5
Czechoslovakia	---	---	6.6	8.9
France	.4	1.9	8.7	6.8
Germany, East	2.5	.2	.5	4.9
USSR	3.6	.7	.4	3.3
New Zealand	18.3	6.8	3.7	1.5
Argentina	20.9	32.0	.2	1.0
Australia	40.0	15.1	5.5	1.0
Denmark	9.5	8.4	6.4	.4
Belgium and Luxembourg	10.7	6.2	---	---
Other countries	8.6	13.4	11.3	6.5
Total	268.2	346.3	328.2	216.5
Spain:				
United States	128.5	131.7	142.9	---
France	11.4	6.4	11.6	---
Canada	8.1	6.1	11.2	---
Netherlands	2.5	.9	1.7	---
Argentina	33.0	10.3	---	---
Other countries	1.0	1.7	.8	---
Total	184.5	157.1	168.2	3/218.9

(Continued)

Table 7--Tallow and greases: Imports into specified countries by country of origin, annual 1969-72 (continued)

Importing country and country of origin	1969	1970	1971	1972 1/
	Million pounds	Million pounds	Million pounds	Million pounds
Italy:				
United States	112.1	75.7	70.0	104.0
Hungary	.1	---	8.3	24.7
Australia	---	1.2	4.0	---
Yugoslavia	30.0	19.9	1.6	---
Argentina	29.9	40.5	.7	---
Other countries	6.9	5.9	2.7	9.3
Total	179.0	143.2	87.3	138.0
Belgium and Luxembourg: 2/				
United States	17.7	47.1	66.6	65.1
Netherlands	14.1	15.3	19.0	28.9
France	14.6	20.8	19.4	17.2
Hungary	---	---	2.2	14.3
United Kingdom	9.1	6.8	13.5	12.8
Canada	8.1	3.9	3.1	8.3
USSR	---	6.6	6.3	6.3
Germany, West	9.8	4.3	5.1	5.9
Other countries	77.5	57.2	12.2	4.9
Total	150.9	162.0	147.4	163.7
Germany, West:				
United States	51.8	62.9	80.7	84.5
Australia	20.2	25.4	20.1	18.0
Canada	9.2	2.2	14.8	13.9
New Zealand	5.9	5.6	7.3	7.8
Denmark	1.3	7.5	16.7	7.6
Switzerland	3.8	5.8	4.5	6.7
France	1.8	---	2.5	4.3
Ireland	3.3	---	2.6	4.0
Norway	2.2	3.2	3.2	2.6
United Kingdom	3.0	4.0	6.2	2.1
Sweden	7.1	.8	2.4	.7
Other countries	43.3	52.7	5.4	9.9
Total	152.9	170.1	166.4	162.1

(Continued)

Table 7--Tallow and greases: Imports into specified countries by country of origin, annual 1969-72 (continued)

Importing country and country of origin	1969	1970	1971	1972 1/
	Million pounds	Million pounds	Million pounds	Million pounds
United Kingdom:				
Ireland	22.4	34.9	36.4	36.4
Canada	47.6	49.4	31.4	32.8
New Zealand	20.8	32.8	25.1	26.4
United States	17.9	14.3	7.4	14.7
Germany, West	10.4	11.5	8.7	8.7
Denmark	3.1	2.8	3.4	4.1
Sweden	2.6	---	2.6	1.7
Australia	8.8	---	2.0	1.0
Other countries	5.1	16.8	---	1.0
Total	138.7	162.5	117.0	126.8

1/ Preliminary.
2/ Includes tallow and hog grease.
3/ Country of origin not available.

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